

**MP Biomedicals, LLC**

29525 Fountain Parkway  
Solon, Ohio 44139

Telephone: 440/337-1200  
Toll Free: 800/854-0530

Fax: 440/337-1180  
web: [www.mpbio.com](http://www.mpbio.com)

## Certificate of Analysis

**Product Description:** D-Sorbitol Anhydrous, cell culture reagent

**Catalog Number:** 194742

**Lot:** 1334H

**Formula:** C<sub>6</sub>H<sub>14</sub>O<sub>6</sub>

**CAS #:** 50-70-4

**Physical Description:** Fine White Powder

**Formula Weight:** 182.17

**Storage:** Room Temperature, desiccate

Test	Specification	Result
Identity Test	Passes	Passes
Purity	≥98%	98.3%
Melting Point	93-101°C	98.5-100.7°C
FTIR	Conforms to Standard	Conforms to Standard
Optical Rotation (c=2, water)	-4 to 0°	-0.83°
Moisture	<1%	0.5%

Odor - not more than a slight sweet odor, Residue on ignition 0.1%, Chloride 0.005%, Sulfate 0.010%, Arsenic 3 ppm, Heavy metals 0.0005%, Reducing sugars 0.1%, Total sugar 1.0%, Organic volatile impurities - complies, Lead 1 ppm, on uss 100 mesh 0.4%

11/01/2003 - Joseph Dietz, Ph.D.

MP Biomedicals, LLC.

Technical Director

This is an electronically generated document

<mailto:biotech@mpbio.com>

<http://www.mpbio.com>

Online Ordering, MSDSs, certificates of analysis and data sheets now available on our web site

Technical Service: 1-800-279-5490 (440-337-1200) Customer Service: 1-800-854-0530 (440-337-1200)